

**Manchester Climate Change Agency  
Work Programme**

**Work Package 1: Targets, Framework and Reporting**

**Task 1.1.2019: Review of Scope and Targets 2019**

**Brief for the Tyndall Centre for  
Climate Change Research at the  
University of Manchester**

## 1. Purpose

This document sets out the brief for a task to review Manchester's climate change commitments. It follows the adoption of science-based carbon reduction targets by Manchester City Council in November 2018. The output from this task will be used as a key component of the Manchester Climate Change Framework 2020-25, which is being developed for publication in early-2020 and aiming to be endorsed by Manchester City Council in March 2020.

This brief has been prepared by Manchester Climate Change Agency (the Agency) for the Tyndall Centre for Climate Change Research at the University of Manchester (Tyndall Centre). It forms part of the Agency's wider work programme (see section 3).

## 2. Background

In July 2018 the Agency commissioned the Tyndall Centre to produce the 'Quantifying the implications of the Paris Agreement for the city of Manchester' report, setting out the science-based targets that Manchester should adopt to be in line with the Paris Agreement. The proposed targets were presented to Manchester City Council in October in 2018, as part of the 'Playing Our Full Part' proposal<sup>1</sup>, produced by Manchester Climate Change Agency and Partnership. The targets were then formally adopted by the City Council, on behalf of the city, in November 2018.

In February 2019 MCCA and MCCB published the 'Draft Manchester Zero Carbon Framework 2020-38'<sup>2</sup> to begin to set out what Manchester needs to do to meet its targets. The draft Framework outlines the need for a combination of bottom-up action by all organisations and residents and in the city, and strategic interventions by MCC, GMCA, Government and other agencies, to enable organisations and individuals to take the necessary action. The draft Framework was endorsed by Manchester City Council in March 2019, with a view to a final document being produced and endorsed by March 2020. The Framework will provide the overarching architecture for collective, citywide action by all organisations and individuals in the city.

## 3. Context: Programme Overview

This task forms part of the Manchester Climate Change Programme, an ongoing programme led by Manchester Climate Change Agency, made up of:

- WP 1 – Targets, Framework & Reporting: setting out the city's science-based targets, the strategy for meeting them, the architecture for stakeholders to 'plug-in' their own plans, and the system for monitoring and reporting performance.
- WP 2 – Organisations and Businesses: to secure commitments from organisations and businesses, support for the development and implementation of bespoke organisational climate change action plans, and reporting performance.
- WP 3 – Residents and Communities: a programme to engage and support the development and delivery of resident and community-led action.

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<sup>1</sup> <http://www.manchesterclimate.com/content/science-based-targets>

<sup>2</sup> <http://www.manchesterclimate.com/content/framework-2020-2038>

- WP 4 – Young People, Schools and Colleges: engaging, empowering and supporting young people to drive positive change within the city and beyond, including through supporting them to participate in the city’s decision-making processes, build knowledge and capacity, and amplify the voice of Manchester’s young people. Engagement and support for the development and delivery of school and college-led action.
- WP 5 – Communications: communications to support the successful delivery of the other work packages, including through a citywide campaign(s) made up of events, web-based articles, case studies, social media, networking activities, and others.
- WP 6 – Unblocking Barriers and Accelerating Action: working with Manchester City Council, Greater Manchester Combined Authority, UK Government, and other agencies, to address the systemic barriers that are limiting Manchester’s progress towards zero carbon.
- WP 0 – Programme Management, Governance and Agency Operations

#### 4. Task Aim

The aim of this task is to review the scope and targets for Manchester’s climate change commitments, taking into account the latest science and international best practice for city climate change action, with a view to recommending an updated scope and set of targets, as necessary. The output will form a key part of the evidence base for the Manchester Climate Change Framework 2020-25.

#### 5. Task Objectives

##### 5.1 Review City-level Scope, Objectives and Targets

Recommend a scope and associated objectives and targets for the activity that Manchester should deliver to play its full part in relation to the Paris Agreement 1.5°C goal.

Direct CO<sub>2</sub>: it is expected this will include a review of the report ‘Quantifying the implications of the Paris Agreement for the city of Manchester’ in relation to progress since the report’s publication, the IPCC Special Report on 1.5°C and advise on any changes that are needed to Manchester’s direct (Scope 1 and 2 energy-related) CO<sub>2</sub> emissions targets. The review should also consider the proposal for Manchester to adopt a 2030 target date to be zero carbon, as set out in Manchester City Council’s Climate Emergency declaration in July 2019.

Indirect / consumption-based CO<sub>2</sub>: it is expected that the review will recommend a scope and objectives for action on indirect / consumption-based CO<sub>2</sub> emissions. It is likely that the budget and timescales for this work may limit the depth of this analysis and may identify the need for further work. To be discussed during task delivery.

Manchester Airport and aviation emissions: it is expected the review will look at emissions from flights from Manchester Airport in the context of the Paris Agreement. The review should identify science-based objectives and targets for emissions from flights from Manchester Airport. Potential options for meeting these targets should also be outlined, including those which are within the decision-making remit of Manchester Airport, Manchester City Council, the other nine districts of

Greater Manchester, the Greater Manchester Combined Authority, UK Government, the UN and its processes in relation to the UNFCCC and the Paris Agreement, and others, as relevant.

## 5.2 Sector and Organisation-level Science-based Target-setting Methodology

A methodology will be developed to enable targets to be set for Manchester sectors and organisations derived from the science based local carbon budget. It is understood that there are currently challenges with target-setting at this level due to the quality and availability of data. Where such challenges are encountered in the delivery of this task it is expected that the Tyndall Centre will identify the actions needed for them to be overcome, with a view to establishing a robust methodology through subsequent pieces of work.

This methodology will be applied, in the first instance, to members of the Manchester Climate Change Partnership.

## 5.3 Progress Monitoring and Reporting Methodology

A system for ongoing monitoring of progress against the targets, at city, sector and organisational levels should be developed and proposed as the system to be adopted by the City of Manchester. This should take into account the reporting methodologies and requirements for the Global Covenant of Mayors and CDP. It should also include definition of the resources required to implement ongoing monitoring by the Agency, Tyndall, and other organisations as required.

## 6. Timescales and Deliverables

- 19<sup>th</sup> December 2019 – Manchester City Council (MCC) report to MCC Executive on climate change; update on progress in relation to this task to be included, including analysis on direct emissions targets and initial analysis on Manchester Airport
- 8<sup>th</sup> January 2020 – MCC report to MCC Neighbourhoods and Environment Scrutiny Committee on climate change; update on progress in relation to this task to be included, including analysis on direct emissions targets and initial analysis on Manchester Airport
- 23<sup>rd</sup> January 2020 – Manchester City Council (MCC) report to MCC Overview and Scrutiny Climate Change Sub-group; update on progress in relation to this task to be included, including analysis on direct emissions, indirect /consumption-based emissions and Manchester Airport
- 23<sup>rd</sup> January 2020 – Manchester Climate Change Partnership Board meeting; progress report on this task to be presented; latest draft Manchester Climate Change Framework 2020-25 to be presented by the Agency
- 5<sup>th</sup> February 2020 – MCC Neighbourhoods and Environment Scrutiny Committee; progress report on this task to be presented; latest draft Manchester Climate Change Framework 2020-25 to be presented by the Agency
- 21<sup>st</sup> February 2020 – final report from Tyndall

- 28<sup>th</sup> February 2020 – Manchester Climate Change Framework 2020-25 published by the Agency at [www.manchesterclimate.com](http://www.manchesterclimate.com) and issued for consideration by MCC
- Mid-March 2020 (date TBC) – MCC Executive; Manchester Climate Change Framework 2020-25 considered for endorsement by MCC

## 7. Budget

This work is being commissioned by Manchester Climate Change Agency, on behalf of the city. Funding is being provided by Manchester City Council. Beyond this financial input and the timescales in Section 6, MCC have not been invited to contribute to the development of this brief.

A draft budget of approximately £15,000 has been agreed for this piece of work. The final budget will be agreed and published in December 2019.

## 8. Project Management

This task forms part of the Manchester Climate Change Agency Work Programme, as outlined above, Work Package 1 on ‘Targets, Framework and Reporting’.

The client project manager for this task is:

Jonny Sadler, Programme Director, Manchester Climate Change Agency

The task will report to the project manager and the ‘Manchester Climate Change Agency Technical Advisory Group’, which will act as the project steering group. The Technical Advisory Group is made up of:

- Dr Joe Blakey, University of Manchester
- Simeran Bachra, UK Cities Manager, CDP
- Brad Blundell, Director, Anthesis Consulting
- Tyndall Centre researchers who will be involved in the delivery of this project:
  - Prof. Carly McLachlan, Director, Tyndall Centre Manchester
  - Dr Chris Jones, Knowledge Impact Fellow, Tyndall Centre Manchester

It is expected that additional Tyndall Centre and University of Manchester researchers will also be involved in this project, as required.

This brief and the final report will be made publicly available at [www.manchesterclimate.com](http://www.manchesterclimate.com).